

# AVX TPS Low ESR Tantalum Chip Capacitors



## TPS SERIES III 125°C TANTALUM CHIP CAPACITORS

**Features:**

- Low ESR levels previously only seen by other technologies.
- Traditional MnO<sub>2</sub> technologies guarantees excellent line and field performance, humidity stability and high electrical and thermal stress resistance.



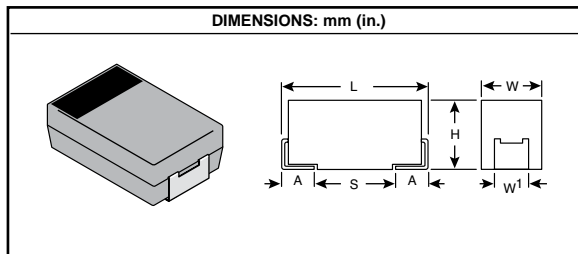
**Specifications:**

- Capacitance Range: 1.0µF to 1000µF
- Capacitance Tolerance: ±10%, ±20%
- Temperature Range: -55 °C to +125°C
- Voltage listed is at 85°C, Derate 33% @ 125°C

RoHS Compliant

Code	EIA Code	L	W	H
A	3216	3.2 (0.126)	1.6 (0.063)	1.6 (0.063)
B	3528	3.5 (0.138)	2.8 (0.110)	1.9 (0.075)
C	6032	6.0 (0.236)	3.2 (0.126)	2.6 (0.102)
D	7343	7.3 (0.287)	4.3 (0.169)	2.9 (0.114)
E	7343H	7.3 (0.287)	4.3 (0.169)	4.1 (0.162)
V	7361	7.3 (0.287)	6.1 (0.240)	3.45 (0.136)
Y**	7343L	7.3 (0.287)	4.3 (0.169)	2.0 (0.079)

\*\* low profile version



MOUSER STOCK NO.		Value (µF)	Tol. ±	Case Size	ESR Max. (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr.	Mfr. Part Number					1	100	
<b>4.3 VDC</b>								
581	TPSD227K004R0100	220	10%	D	100		500	
581	TPSD477K004R0045	470	10%	D	45		500	
581	TPSD687K004R0100	680	10%	D	100		500	
581	TPSV108K004R0040	1000	10%	V	40		400	
<b>6.3 VDC</b>								
581	TPSA685K006R1800	6.8	10%	A	1800		2000	
581	TPSA106K006R1500	10	10%	A	1500		2000	
581	TPSA156K006R1500	15	10%	A	1500		2000	
581	TPSA226K006R0500	22	10%	A	500		2000	
581	TPSB476K006R0250	47	10%	B	250		2000	
581	TPSB686K006R0500	68	10%	B	500		2000	
581	TPSB107K006R0400	100	10%	B	400		2000	
581	TPSY107K006R0100	100	10%	Y	100		1000	
581	TPSC157K006R0150	150	10%	C	150		500	
581	TPSD227K006R0100	220	10%	D	100		500	
581	TPSY227K006R0100	220	10%	Y	100		1000	
581	TPSD337K006R0045	330	20%	D	45		500	
581	TPSE337K006R0100	330	10%	E	100		400	
581	TPSE477K006R0045	470	20%	E	45		400	
581	TPSE477K006R0100	470	10%	E	100		400	
581	TPSV477K006R0055	470	10%	V	55		400	
581	TPSV477K006R0100	470	10%	V	100		400	
581	TPSE687K006R0100	680	10%	E	100		400	
<b>10 VDC</b>								
581	TPSA475K010R1400	4.7	10%	A	1400		2000	
581	TPSA685K010R1800	6.8	10%	A	1800		2000	
581	TPSA106K010R1800	10	10%	A	1800		2000	
581	TPSA156K010R1000	15	10%	A	1000		2000	
581	TPSB226K010R0400	22	10%	B	400		2000	
581	TPSB336K010R0425	33	10%	B	425		2000	
581	TPSB476K010R0650	47	10%	B	650		2000	
581	TPSB476K010R0350	47	10%	B	350		2000	
581	TPSC476K010R0350	47	10%	C	350		500	
581	TPSC686K010R0300	68	10%	C	300		500	
581	TPSD686K010R0150	68	10%	D	150		500	
581	TPSD686K010R0100	68	10%	D	100		500	
581	TPSY686K010R0100	68	10%	Y	100		1000	
581	TPSY686K010R0200	68	10%	Y	200		1000	
581	TPSC107K010R0100	100	10%	C	100		500	
581	TPSC107M010R0075	100	20%	C	75		500	
581	TPSC107K010R0150	100	10%	C	150		500	
581	TPSC107K010R0200	100	10%	C	200		500	
581	TPSD107K010R0150	100	10%	D	150		500	
581	TPSD107K010R0100	100	10%	D	100		500	
581	TPSD107M010R0080	100	20%	D	80		500	
581	TPSD107K010R0080	100	10%	D	80		500	
581	TPSE107K010R0125	100	10%	E	125		400	
581	TPSY107M010R0100	100	20%	Y	100		1000	
581	TPSY107K010R0100	100	10%	Y	100		1000	
581	TPSY107K010R0200	100	10%	Y	200		1000	
581	TPSD157K010R0100	150	10%	D	100		500	
581	TPSY157K010R0150	150	10%	Y	150		1000	
581	TPSD227K010R0100	220	10%	D	100		500	
581	TPSE227K010R0100	220	10%	E	100		400	
581	TPSE227K010R0125	220	10%	E	125		400	
581	TPSE227K010R0060	220	10%	E	60		400	
581	TPSE227K010R0070	220	10%	E	70		400	
581	TPSY227K010R0150	220	10%	Y	150		1000	
581	TPSY227K010R0200	220	10%	Y	200		1000	
581	TPSD337K010R0100	330	10%	D	100		500	
581	TPSD337K010R0150	330	10%	D	150		500	
581	TPSE337K010R0040	330	10%	E	40		400	
581	TPSV337K010R0060	330	10%	V	60		400	
581	TPSE477K010R0200	470	10%	E	200		400	
581	TPSE477K010R0045	470	10%	E	45		400	
581	TPSE477K010R0050	470	10%	E	50		400	
581	TPSV477K010R0100	470	10%	V	100		400	
581	TPSV477K010R0040	470	10%	V	40		400	
<b>16 VDC</b>								
581	TPSA225K016R1800	2.2	10%	A	1800		2000	
581	TPSA335K016R3500	3.3	10%	A	3500		2000	
581	TPSA475K016R2000	4.7	10%	A	2000		2000	
581	TPSB475K016R1500	4.7	10%	B	1500		2000	
581	TPSA685K016R1500	6.8	10%	A	1500		2000	
581	TPSB106K016R0800	10	10%	B	800		2000	
581	TPSC106K016R0500	10	10%	C	500		500	
581	TPSB226K016R0600	22	10%	B	600		2000	
581	TPSC226K016R0375	22	10%	C	375		500	
581	TPSC226K016R0300	22	10%	C	300		500	
581	TPSC226K016R0250	22	10%	C	250		500	
581	TPSC336K016R0225	33	10%	C	225		500	

For quantities of 500 and up, call for quote.

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Mfr.	Mfr. Part Number					1	100	
581	TPSY336K016R0300	33	10%	Y	300		1000	
581	TPSY336K016R0400	33	10%	Y	400		1000	
581	TPSC476K016R0350	47	10%	C	350		500	
581	TPSD476K016R0150	47	10%	D	150		500	
581	TPSD476K016R0200	47	10%	D	200		500	
581	TPSD476K016R0100	47	10%	D	100		500	
581	TPSY476K016R0250	47	10%	Y	250		1000	
581	TPSY686K016R0200	68	10%	Y	200		1000	
581	TPSD107K016R0125	100	10%	D	125		500	
581	TPSD107K016R0150	100	10%	D	150		500	
581	TPSY107K016R0150	100	10%	Y	150		1000	
581	TPSY107K016R0200	100	10%	Y	200		1000	
581	TPSD157K016R0125	150	10%	D	125		500	
581	TPSE157K016R0100	150	10%	E	100		400	
581	TPSV157K016R0045	150	10%	V	45		400	
581	TPSE227K016R0150	220	10%	E	150		400	
581	TPSE227K016R0075	220	10%	E	75		400	
<b>20 VDC</b>								
581	TPSA105K020R3000	1.0	10%	A	3000		2000	
581	TPSA335K020R2500	3.3	10%	A	2500		2000	
581	TPSA475K020R1800	4.7	10%	A	1800		2000	
581	TPSB475K020R1000	4.7	10%	B	1000		2000	
581	TPSC685K020R0700	6.8	10%	C	700		500	
581	TPSC106K020R0700	10	10%	C	700		500	
581	TPSC106K020R0500	10	10%	C	500		1000	
581	TPSC156K020R0400	15	10%	C	400		500	
581	TPSC156K020R0450	15	10%	C	450		500	
581	TPSD226K020R0300	22	10%	D	300		500	
581	TPSC336K020R0300	33	10%	C	300		500	
581	TPSD336K020R0100	33	10%	D	100		500	
581	TPSD476K020R0100	47	10%	D	100		500	
581	TPSE476K020R0250	47	10%	E	250		400	
581	TPSE476K020R0200	47	10%	E	200		400	
581	TPSE476K020R0150	47	10%	E	150		400	
581	TPSE476K020R0125	47	10%	E	125		400	
581	TPSE476K020R0070	47	10%	E	70		400	
581	TPSD686K020R0200	68	10%	D	200		500	
581	TPSE686K020R0150	68	10%	E	150		400	
581	TPSE686K020R0200	68	10%	E	200		400	
581	TPSE107K020R0200	100	10%	E	200		400	
581	TPSV107K020R0085	100	10%	V	85		400	
581	TPSV107K020R0200	100	10%	V	200		400	
581	TPSV107K020R0100	100	10%	V	100		400	
<b>25 VDC</b>								
58								